

Manhole Inspection Summary

Manhole # S29I__013MH

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Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **29I** Node: **013** Status: **Found**

Insp Date: **9/8/08 8:09 AM**

Incomplete Comments

Crew: **wj, sk**
Inspector: **wjenkins**
Firm: **PER**

Location Address: **121 Lemmon St**

Cross Street: **S Fremont Av**

Manhole Type: **Terminal** Location: **Alley**

Ground Conditions: **Dry**

☐ Prev. Rehab Weather: **Dry**

Subject To Ponding: **None**

Comments **Pipe has an incoming 12 see pics, illegal connection?**

Cover Shape: **Circular** Diameter: **25.** (in.) Length: **0** (in.) Dist A/B Grade: **0.25** (in.)
5

Type: **Sanitary** Condition: **Worn** Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **0** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment ☒ Exists Material: **Brick** ☐ Parged Height: **7** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Corbel Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Barrel Material: **Brick** ☐ Parged

Shape: **Circular** Diameter: **42** (in.) Length: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench ☐ Exists Material: ☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Brick** ☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Steps Count: **5** Missing: **0** ☐ Corroded

Surcharge ☐ Evidence Of Surcharge Depth: **0** (ft.) ☐ Active Surcharge Present

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Location View



Top View



Miscellaneous



frame/lid infiltration

Miscellaneous



Additional view of infiltration at chimney/frame joint

lid photo



Miscellaneous



Frame View

Defect 5



channel debris

Defect 4



chimney is deteriorated with cracked & loose bricks

Defect 2



infiltration from chimney/frame joint & mortar. Also corbel wall infiltration around pipe in @ 12

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6 in. Circular Gravity Sewer
Pipe In @ 12 O'clock

12 O'Clock Inflow

Drop In @ 12 O'Clock



Pipe Height: **40.8** (in.) Rod and Bar (Angled)
Pipe Material: **PVC** ☐ Pipe Lined
Invert Depth: **0.00** (ft.) Flow Characteristics: **None**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: Inside	Direct
Angled:	Reading: 7.18 (ft.)
	Inv Depth: 7.36 (ft.)
Drop Condition: Open	
Connects To: Connecting Node Not Available	
<input type="checkbox"/> Possible Illicit Connection	

10 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **10.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **8.92** (ft.) Flow Characteristics: **None**
Deposits: ☐ None ☐ Mud ☐ Sludge ☒ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: None
Connects To: Manhole
<input type="checkbox"/> Possible Illicit Connection